

Amendments to the Claims:

Please amend claims 1, 2, 5, 7 and 10 as indicated below.

Please cancel claims 3 and 9 without prejudice.

Please add new claim 11 as presented below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An arrangement for visual and quantitative three-dimensional examination of specimens, comprising:

- a stereomicroscope that defines a first and a second observation beam path, and the stereomicroscope including an objective and a tube lens disposed in at least one of the observation beam paths,
- a confocal scanning device ~~is~~ connected to the stereomicroscope thereby providing a scanning beam path wherein the confocal scanning device scans a specimen that is to be examined and acquires data for a three-dimensional visual depiction of the specimen, and
- an optical coupling-in element configured to couple the scanning beam path into at least one of the observation beam paths at a coupling-in region,
wherein the tube lens is disposed between the coupling-in region and the objective.

Claim 2 (currently amended): The arrangement as defined in Claim 1, wherein the confocal scanning device is mounted on the stereomicroscope ~~so that the scanning beam path can be coupled into the first or into the second observation beam path.~~

Claim 3 (cancelled)

Claim 4 (original): The arrangement as defined in Claim 1, wherein the stereomicroscope is equipped with a camera port at which the confocal scanning device couples the scanning beam path into the stereomicroscope.

Claim 5 (currently amended): The arrangement as defined in Claim 1, wherein the first and second illuminating observation beam paths and the scanning beam path are together imaged by ~~an~~ the objective of the stereomicroscope onto the specimen to be examined.

Claim 6 (original): The arrangement as defined in Claim 1, wherein the confocal scanning device is connected to a computer that analyzes the image data acquired by the confocal scanning device and displays them on a display.

B2
Claim 7 (currently amended): A stereomicroscope for visual and quantitative three-dimensional examination of specimens, comprising:

- an objective,
- a first and a second eyepiece, wherein the objective and the first and second eyepiece defines a first and a second observation beam path, and
- a tube lens disposed in at least one of the observation beam paths,
- a confocal scanning device ~~is~~ connected to the stereomicroscope thereby providing a scanning beam path wherein the confocal scanning device scans a specimen that is to be examined and acquires data for a three-dimensional visual depiction of the specimen, and
- an optical coupling-in element configured to couple the scanning beam path into at least one of the observation beam paths at a coupling-in region,

wherein the tube lens is disposed between the coupling-in region and the objective.

Claim 8 (original): The stereomicroscope as defined in Claim 7, wherein scanning beam path provided by the confocal scanning device scans the specimen through the objective.

Claim 9 (cancelled)

B3
Claim 10 (currently amended): The stereomicroscope as defined in Claim 8, wherein a camera port is provided at which the confocal scanning device is coupled to the

stereomicroscope ~~and a further lens is provided before the objective to guide the scanning beam path parallel to observation beam paths.~~

B3
end
Claim 11 (new): The stereomicroscope as defined in Claim 7, wherein the confocal scanning device is connected to a computer that analyzes the image data acquired by the confocal scanning device and displays them on a display.
